

**SPECIFICATION AMENDMENTS**  
**(Amendment B-Ser. No.09/352,192)**

Please amend the several identified paragraphs of the specification, as follows:

**Page 3, last paragraph continued to page 4:**

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C<sup>2</sup> This object is achieved by provision of a card production system having an insertion station, means for delivering cards to the insertion station for insertion into carrier forms delivered to the insertion station and means for delivering the forms in a preselected orientation to a loaded carrier outlet with an interchangeable card insertion system, comprising a first type of insertion apparatus to insert cards into a first type of carrier form, means for releasably mounting the first type of insertion apparatus at the insertion station to mount cards to the first type of carrier form, a second type of insertion apparatus for mounting cards to a second type of carrier form and means for releasably inserting the second ~~the~~ type of insertion apparatus at the insertion station in lieu of the first type of insertion apparatus for inserting the cards into a second type of carrier form.

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**Page 8, last paragraph:**

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C<sup>3</sup> The carrier forms 26 are preferably one of those shown in Figs. 3A and 3B and a plurality of these interconnected carrier forms 26 are fanfolded like those shown in U.S. patent 4,034,210 issued July 5, 1977 to Hill et al., and as shown in Fig. 1, but are without marginal pin holes for pin drive feed mechanisms which are not employed in the ECPAP

3 Cmt  
system 10. The printer 48 prints on both types of carrier forms the name and address 35 and bar code 27. The cards 30 with activation labels are mounted to the carrier by means of pockets cut into the plane paper holes 93. For further detailed information about the carrier of Figs. 3A and 3B, reference should be made to U.S. Patent Application Serial No. 08/036,436 of Hill et al. entitled "Card Carrier Forms For Automated Embossed Card Package Production System" filed March 24, 1993, contemporaneously herewith, now U.S. patent 5,862,979, issued January 26, 1999. After having carrier information printed on the end one of a plurality of interconnected, fan folded carriers 26, a burster separates the end one from the others before cards 30 are inserted.

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**Page 10, first full paragraph:**

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The plurality of fan folded carrier forms 26, once printed, are sent to a form burster 36. As noted, the form burster 36 separates the end printed carrier forms 26 from the fan folded plurality of carrier forms 26 to produce individual carrier forms. In addition, in the preferred embodiment, the form burster 36 carries a sensor for reading the code 27 from each carrier form 26 as it is separated from the fan carrier forms 26. For further information relating to the burster, reference should be made to U.S. Patent Application Serial No. 08/036,159 of Hill et al. entitled "Card Package Production System With Burster and Carrier Verification Apparatus" filed March 24, 1993, contemporaneously herewith. The separated carrier forms 26 are transported to the card inserter section 24 for receipt of the embossed cards 30. As many as four embossed cards are insertable into a single carrier form

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Page 13, last paragraph continued to page 14:

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Obtaining one aspect of the carrier form, the bar code reader 38 preferably decodes the following bar codes: interleaved two of five code, interleaved three of nine code, Codabar UPC-A&E code, EAN-8 code and EAN-13 code. The preferred apparatus for sensing and decoding is shown and described in the aforementioned U.S. Patent Application Serial No. 08/036,439 of Hill et al. entitled "Card Package Production System With Burster and Carrier Verification Apparatus" filed March 24, 1993, contemporaneously herewith. The read carrier information is passed via a suitable two way communication path 52 to the microprocessor 12 which compares it to the stored carrier information sent to the forms printer 48 via a communication path 54 to determine if there is a match. If the carrier account information read from the carrier 26 is the same as the carrier data obtained from the form data memory 44, then there will be a match and the correct printing of the carrier 26 is verified. In that event, and if there is a match with card information on a card 30 presented for attachment to the carrier 26, the printed forms continue through the form burster 36, the forms feeder-card inserter 24, the form folder 86, the form rotation block 88 to a card package outlet 55 to a form transporter 92 to move it to the envelope stuffer 34, then to the inserter 24 where they are mated with one or more verified and matching cards.

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Page 14, first full paragraph:

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Cb  
If, on the other hand, the carrier account information

C<sup>6</sup> Cont

read from a carrier 26 does not match the carrier information stored in the carrier form data memory 44, then achieving another objective of the invention, the carrier advantageously is sent to a carrier form rejection area 90 to prevent the incorrect form from being stuffed into an envelope. The carrier 26 passes through the form burster 24 to the forms feeder-card inserter, or inserter, 24, while the card inserter is inhibited from mounting a card. The mismatched or incorrect carrier passes through the inserter 24 without receiving a card. It then passes through the form folder 86 and at the form reject rotation unit 88 it is pushed along path 87 to the form reject location 90. While other bar code readers could be utilized, preferably the form bar code reader 38 is preferably made by Opto Technology as part number QTR while preferably the decoding is performed by a forty pin IC made by Hewlett Packard under part number HBCR-1800. Reference should be made to U.S. Patent Application Serial No. 08/036,439 of Kassabian et al. entitled "Card Package Production System With Modular Carrier Folding Apparatus for Multiple Forms" filed March 24, 1993, contemporaneously herewith, for further information relating to the preferred form of the apparatus for rejecting the incorrect carriers.

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**Page 19, first full paragraph:**

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A second type of carrier form 26B seen in Fig. 3B has a flexible planar body 93 with a pair of parallel spaced side slot sections 29 and a fold 89 to hold the card 30 within the side slots. The mailing form 26B has a pair of rectilinear slots 39 cut in the body 93 to form a pair of opposed corner pockets for receipt of opposed corners 41 of the card 30. The rectilinear slots 39 have a pair of

parallel spaced slot sections 29 and a cross slot section 43 transversely extending between the pair of parallel spaced slot sections 29. In the form of Fig. 3A, the corner pockets open away from the leading end section and the address and toward the bar code field 27 while in the carrier of Fig. 3B, the address is located on the lagging end section while the pockets face toward the bar coding and away from the leading edge. Reference should be made to U.S. Patent Application Serial No. 09/036,436 of Hill et al. entitled "Card Carrier Forms For Automated Embossed Card Package Production System" filed March 24, 1993, contemporaneously herewith, for further details about each of these different types of carriers.

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**Page 20, first full paragraph:**

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After all the cards 30 have been attached to a matching carrier form 26, the inserter 24 passes the filled carrier form via path 84 to a form folder 86. The form folder 86 folds the loaded carrier 26 along two perforation lines 89, Fig. 3, to divide the carrier into three equal areas. As with the inserters, two different types of folders are alternatively employed for folding different types of carriers. The folded carrier forms 26 are rotated by an arm at a form rotation station 88 for insertion into mailing envelopes. Before being rotated, the form of Fig. 3A is flipped over after folding while the form of Fig. 3B does not and therefore different folders are used when there are different carrier forms. Empty carrier forms 26 which do not match with a corresponding card or are otherwise improperly prepared are sent via a transportation path 87 to a form reject area 90 to avoid placement into mailing envelopes. The preferred embodiment of the form

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folder 86, form rotation unit 88, form reject unit 90 and form transporter to envelope stuffer 92 are shown in U.S. Patent Application Serial No. 08/036,439 of Kassabian et al. entitled "Card Package Production System With Modular Carrier Folding Apparatus For Multiple Forms" filed March 24, 1993, contemporaneously herewith, and reference should be made thereto for details of how the different carriers of Figs. 3A and 3B are folded different to point them both to the envelope stuffer in the correct orientation.

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**Page21, first full paragraph:**

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Also preferably performed in the embossed card package production apparatus 10 is a method of mounting cards to a plurality of different mailing forms, comprising the steps of (a) automatically mounting cards to a first type of mailing form with an automatic card mounting apparatus having an insertion station at which cards are mounted to forms, a card feeder for feeding cards to the insertion station and a forms feeder adapted to feed different types of mailing forms to the insertion station, (b) releasably mounting a first type of insertion apparatus at the insertion station to insert cards into a first type of carrier, (c) automatically mounting cards to the first type of carrier forms with the first type of insertion apparatus, (d) removing the first type of inserter from insertion station and mounting in its place a second type of insertion apparatus for inserting cards into a second type of carrier form and e) automatically mounting cards to the second type of mailing forms by using the second type of insertion apparatus. For details of the methods of operation, reference should be made to U.S. Patent Application Serial No. 08/036,657 of Hill et al. entitled

Chen's  
"Automatic Verified Embossed Card Package Production  
Methods" filed March 24, 1993, contemporaneously herewith,  
now U.S. patent 5,494,544 issued February 27, 1996.

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Page 23, last paragraph continued to page 24:

C<sup>10</sup>  
A fan folded plurality of interconnected carrier forms 26A and moved to the burster 36 after being printed with carrier information by the forms printer 48. The bar code 27 printed on the carrier is read during the bursting operation. After the cards 30 are verified and the carrier 26A has been verified, the end carrier form 26A is forced to conform to the cylindrical surface of a roller 170 which causes the ears of corner pockets 31 to open and pusher members 172 and 174 to push the cards into the corner pockets. The carrier form continues to roll away from the inserter with the cards in the pockets and the lip 33 on the card then prints up and over the edge of the card 30 to hold it within the pockets 31, as best seen in Fig. 6FE. The form is then pushed against a pivotally mounted stop member 176 until the leading end section 178 and middle card carrying section 180 buckle along fold line 89 away from the folding path 182. A pusher arm 184 then pushes against the middle section 180 adjacent the lagging fold line 89 until the carrier 30 is completely folded as shown. A pushing member 186 then pushes the folded carrier against a pivot pin 188 to rotate the folder form at the form rotation station 88. The folded form is then moved along a path 190 by pusher 191 toward an envelope stuffer 34 (rotation) or to an output stack of loaded carriers 26A' to the front reject location 90 (not shown).

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Page 26, fourth paragraph:

C" Referring now to Fig. 7B, the cards 30 are moved into engagement with a card holding assembly ~~206~~196 after they are moved there by a card conveyor 202 which drive the cards toward the card holding assembly 206 by means of a pulley 201 powered by a motor 204 under control of the computer 12. The card holding apparatus 196 has a hinge plate 206 with a pair of legs 208 upon which the cards are supported as best seen in Fig. 7E. As seen in Figs. 7G and 7F, the carrier travels adjacent a roller 320 which opens the pocket of the carrier 26B. The card is first moved to the position shown in Fig. 7C. Once moved past the legs 208, the plate 206 pivots to drop the card 30 into the carrier as shown in Figs. 7E and 7G. In Fig. 7C the cards are moved into loading position adjacent the card holding apparatus ~~194~~196 by the pushing member, associated with the conveyor belt 322, Fig. 7C.